Electronic Acl	Electronic Acknowledgement Receipt					
EFS ID:	4725493					
Application Number:	10715170					
International Application Number:						
Confirmation Number:	4120					
Title of Invention:	Systems and methods for approximating optimal distribution via netwo systems					
First Named Inventor/Applicant Name:	Kamal Jain					
Customer Number:	27195					
Filer:	Seyed Vahid Sharifi Takieh/Robin Wardzala					
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Submitted with Payment	no
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1 NPL Documents	NPL1.pdf	210070	no	20	
		19e91dce0ba830c6800e860b5c235f5a115f a2cd			

## Warnings:

### Information:

2	NPL Documents	NPL2.pdf	206269	no	21
			3ff408c2b44f6619ddd9fdafc3f6045049a43 bde		
Warnings:					•
Information:					
3	NPL Documents	NPL3.pdf	288112	no	33
			c3f3acd09d50cf5cfcccbb0e50dbb2eb0352 3ffc		
Warnings:					
Information:			1		
4	NPL Documents	NPL4.pdf	681654	no	6
·	NFL Documents	141 2 1.541	914706ace95e9f6169cfdefd5eb0a2be6ce8 1e87	110	
Warnings:			· .		
Information:					
	NPL Documents	NPL5.pdf	1034045	no	10
5	NFL Documents	NF L3.pui	c70fb49d5821dd9a2bbf92821d304603c89 4cd2a		
Warnings:					
Information:					
6	NPL Documents	NPL6.pdf	3494021	no	25
6	NPL Documents	NFLO.Pai	4f9241904ac76470261da2b952b25f6038f3 9105		
Warnings:					
Information:					
7	NPL Documents	NPL7.pdf	127857	no	14
,	W E Bocaments		f6ab70f2e55255961538d4a59a350689870a af48		
Warnings:					
Information:					
8	NPL Documents	NPL8.pdf	175143	no	6
o e		141 E5.pai	55f0a6c3cb322b56f055839824cdbe072e19 7859		
Warnings:					
Information:					
9	NPL Documents	NDI O ndf	224292	no	21
9	NPL Documents	NPL9.pdf	22d8c0c79213e6b6fb497d1b107aaeffab19 e916	no	21
Warnings:					
Information:					
10	Applicant Response to Pre-Exam Formalities Notice	MS302151Reply.pdf	120324	no 3	4
			334e4e80d95a811108fdbcc3498098ae293 bd257		
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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.